

Converting Colors

Hex(C1E972)

Have a look what the booklet for
Hex(C1E972) contains.

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Color

Hex(C1E972)

Conversions

Conversions Part 1

Format	Color
Hex	C1E972
RGB	193, 233, 114
RGB Percent	76%, 91%, 45%
CMY	0.2431, 0.0863, 0.5529
CMYK	0.17, 0.00, 0.51, 0.09
HSL	80°, 73%, 68%
HSV	80°, 51%, 91%
XYZ	54.1685, 70.8302, 26.7362
YIQ	207.4740, 14.3590, -45.4890

Conversions

Conversions Part 2

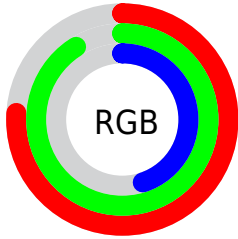
Format	Color
RYB	114, 233, 154
Decimal	12708210
CIELab	87.40, -31.15, 53.04
CIELCh	87, 61.513, 120.429
Yxy	70.8302, 0.3570, 0.4668
Android (android.graphics.Color)	4290898290 (0xFFC1E972)
YUV	207.4740, -46.0827, -12.6937
Hunter-Lab	84.1607, -32.3929, 40.0772

Details

The Hex color **C1E972** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9A72E9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FBFFA8**, and **89B13D** is the 20% darker color. If you saturate the color by 10%, you get **B9E95B**, and if you desaturate by 10%, it is **C9E989**.

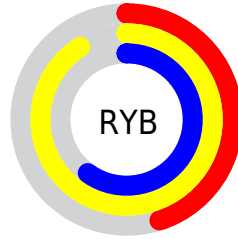
Distribution



Red (76%)

Green (91%)

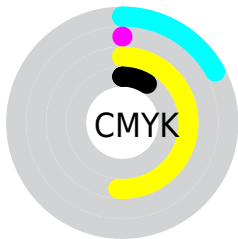
Blue (45%)



Red (45%)

Yellow (91%)

Blue (60%)

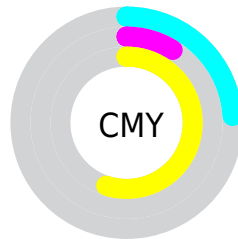


Cyan (17%)

Magenta (0%)

Yellow (51%)

Black (9%)



Cyan (24%)

Magenta (9%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E972 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C1E972 by changing the saturation by 10% instead.

 C1E972

 C1E972

FFFFFF

 A5CD57

 FBFFA8

 89B13D

 FFFFC4

 6E9621

 FFFFE1

 537C00

FFFFFFE

 396300

 1E4B00

 003400

 002100

 000000

 C1E972

 C1E972

 B9E95B

 C9E989

 B1E943

 D1E9A1

 AAE92C

 D8E9B8

 A2E915

 E0E9CF

 9BE900

 E8E9E7

 F0E9FE

 F8E9FF

 FFE9FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FDD862



C1E972



75F49F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C1E972



00F0FF



FFA9DD

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C1E972



9A72E9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB5FF



C1E972



71E1FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C1E972



00F8FF



E0CBFF



FFB0A3

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C1E972



00F8C6



E0CBFF



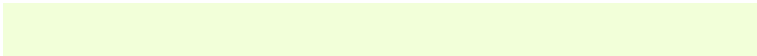
FFACF0

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C1E972



F2FFD9



E99A72



788069



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C1E972



CBFF63



86E972



71756A



78B500



243600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9A72E9



9863FF



D572E9



6E6A75



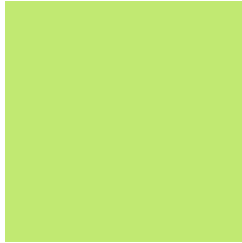
3D00B5



120036

Previews

White Background



This preview shows how the Hex color C1E972 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C1E972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C1E972 Background



This preview shows how black text looks on a background with the Hex color C1E972.

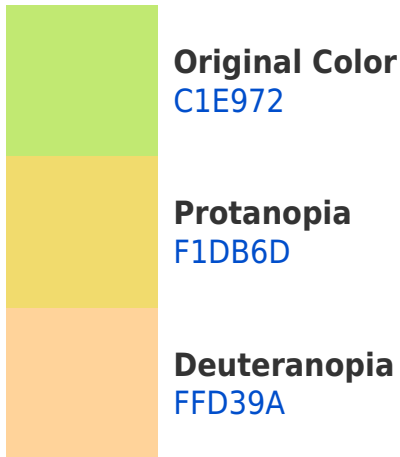


This preview shows how white text looks on a background with the Hex color C1E972.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

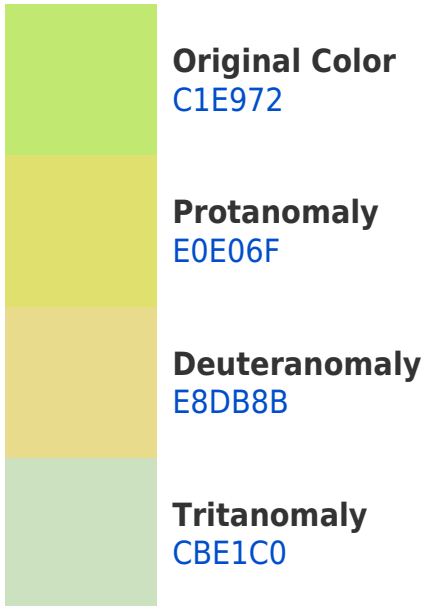
Dichromacy



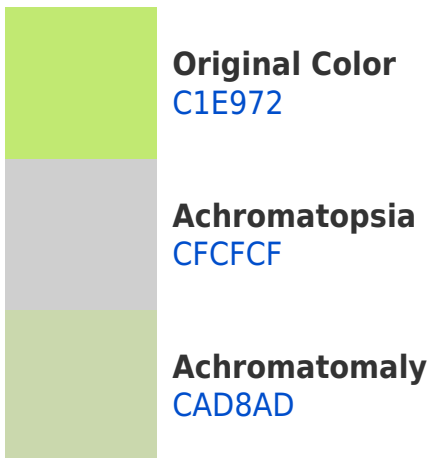


Tritanopia
D1DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1E972 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C1E972 looks like.

```
.text, #text, p{  
    color:#C1E972  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C1E972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E972
}
```

Border

The CSS property to change the border of an element to Hex C1E972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1E972 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C1E972 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C1E972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E972; -webkit-box-shadow:4px 4px  
4px 4px #C1E972; box-shadow:4px 4px 4px  
4px #C1E972 }
```

Background

The CSS property to change the background color of an element to Hex C1E972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E972 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C1E972 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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